

express my hope that, under their management, and with their generous support, the university may be an increasing blessing to them, to their children and to future generations.

Very truly yours,
JOHN D. ROCKEFELLER

The trustees, in adopting a resolution expressing their grateful appreciation of Mr. Rockefeller's generosity, ordered spread upon the records a minute, a copy of which will be engraved and conveyed to Mr. Rockefeller by a special committee of the board. The minute reads in part:

The board of trustees of the University of Chicago accepts the gift made by Mr. Rockefeller and pledges itself to carry out in the spirit as well as in the letter, the conditions accompanying it. It is now twenty-one years since, in May, 1889, Mr. Rockefeller made his first gift to the University of Chicago. This final gift will make the total amount which the university will have received from its founder approximately thirty-five million dollars.

We know of no parallel in the history of educational benefactions to gifts so munificent bestowed upon a single institution of learning. But unique as they are in amount, they are still more remarkable for the spirit in which they have been bestowed. Mr. Rockefeller has never permitted the university to bear his name, and consented to be called its founder only at the urgent request of the board of trustees. He has never suggested the appointment or removal of any professor. Whatever views may have been expressed by members of the faculty he has never indicated either assent or dissent. He has never interfered directly or indirectly with that freedom of opinion and expression which is the vital breath of a university, but has adhered without deviation to the principle that while it is important that university professors in their conclusions be correct, it is more important that in their teaching, they be free.

More significant still, this principle has been maintained even in his attitude toward the teaching of a subject so intimate as religion wherein the mind is keenly sensitive to differences of opinion. Although at times, doctrines have been voiced in the university which traverse those the founder is known to hold, he has never shown a desire to restrain that freedom which is quite as precious in theology as in other fields of thought. Such a relationship between a great benefactor and the institution which he has founded affords a motto

for educational benefaction through all time to come.

SCIENTIFIC NOTES AND NEWS

IN this issue of SCIENCE is published the address of the retiring president of the American Association for the Advancement of Science. We hope to publish in succeeding issues the more important addresses and papers read at the meeting of the American Association and the national scientific societies together with reports of their proceedings.

THE Nobel prizes, amounting to about \$40,000 each, were distributed by the King of Sweden on December 10 with the usual ceremonies. The prize-winners in science were present to receive their prizes and gave the statutory lectures. The recipients were, as already announced, Professors Van der Waals (physics), Wallach (chemistry) and Kossel (medicine).

CAMBRIDGE UNIVERSITY will confer the degree of doctor of science on Dr. George E. Hale, director of the Solar Observatory, on Mount Wilson.

THE bill to grant \$250,000 for the construction of a monument to Commodore Perry at Put In Bay, O., and the holding of a centennial celebration in 1913 in commemoration of the battle of Lake Erie, has been favorably acted upon by the house committee on expositions.

THE French Society of Biology has awarded the Godard prize to Mlle. Anna Drzewina.

It is announced from Cambridge that the special board for biology and geology has adjudged the Walsingham medal for 1910 to A. V. Hill, of Trinity College, for his essay entitled "The Heat Produced by Living Tissues, with Special Reference to Muscular Activity"; and a second Walsingham medal to J. C. F. Fryer, of Gonville and Caius College, for his essay entitled "The Structure and Formation of Aldabra and Neighboring Islands—with Notes on their Flora and Fauna."

DR. ALBERT ROSS HILL, president of the University of Missouri, delivered the address at the seventy-seventh convocation of the University of Chicago. His subject was

"Some Successes and Failures of the American College."

LECTURES at the University of Wisconsin by Professor W. M. Davis, of Harvard University, will be given as follows: Two lectures on the Art of Geographical Description—Friday, January 20, "The Range of the Colorado Rockies"; Saturday, January 21, "A Study of the Italian Riviera." Two lectures on the Disciplinary Value of Geography—Monday, January 23, "The Nature of Proof"; Monday, January 23, "The Art of Presentation in Contrast with the Science of Investigation." Before the Science Club—Friday evening, January 20, "The Lessons of the Grand Canyon of the Colorado."

THE Colleges of Engineering of the University of Illinois and Purdue University arrange each year a series of exchange lectures delivered by the members of the faculty of each institution. The first lecture delivered at Illinois this year was by Professor C. R. Moore, of Purdue, on "Power Manufacture and its Dangers."

DR. J. A. L. WADDELL, the bridge engineer of Kansas City, recently delivered two lectures before the faculty and students of the College of Engineering of the University of Illinois, one a technical talk on "Materials of Bridge Engineering and Foundations" and the other a general lecture on bridge construction.

THE death is announced of Captain G. E. Shelley. After a short service in the Grenadier Guards, Captain Shelley retired from the army and devoted himself entirely to ornithology, especially to that of Africa.

THE seventeenth annual meeting of the New York Zoological Society will be held in the Hotel Waldorf-Astoria, on Tuesday, January 10, at 8.30 o'clock P.M. Moving pictures showing the roping and capture of wild animals will be exhibited, and a series of colored slides showing whaling in Japanese seas will be presented by Mr. Roy C. Andrews.

IN addition to the £2,500 voted to Captain Scott for his Antarctic expedition by the Australian commonwealth, a sum of equal amount

has been contributed by a private donor in New Zealand, where Captain Scott has also met with liberal gifts in the form of stores.

A DESPATCH from Paris tells of the burning of the branch of the Pasteur Institute at Garches, near Paris, on December 7. The branch was located in the Chateau Villeneuve l'Étang.

UNIVERSITY AND EDUCATIONAL NEWS

PUBLIC benefactions aggregating \$370,000 are provided in the will of the late Mrs. William O. Moseley, of Newburyport, Mass. Two hundred thousand dollars are left to the Anna Jaques Hospital, of Newburyport, and \$60,000 to Harvard University for the establishment of two fellowships to enable medical students of marked ability to pursue their medical studies abroad.

THE next New Hampshire legislature will be asked to appropriate \$163,000 for the State College, including \$80,000 for a new engineering building and \$40,000 for general expenses. The board of trustees are unanimously in favor of changing the name of the college from the "New Hampshire College of Agriculture and the Mechanic Arts" to the "University of New Hampshire."

ON December 13, the board of trustees of the University of Illinois held their quarterly meeting at which the heads of the various university departments presented their requests for legislative appropriations for the biennium 1911-13. Large amounts were asked for buildings by the College of Agriculture, by the School of Education and College of Engineering, and for a school of Commerce.

A GIFT of \$500,000 to Dartmouth College by Mr. Edward Tuck, has been announced. The donor states the object of his gift in the following words:

I present these securities to the college to be added to the present Amos Tuck endowment fund. I desire the income from them to be applied as was the purpose of my original foundation of the fund of 1899, to the improvement of the existing